Bruhat Bangalore Mahanagara Palike
Executive Engineer Yelahanka Division

Name of Work: Providing and installation of CC Camera in ward no 03 & 04 of Yelahanka Satellite town sub division

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
Supplying ,installation ,Commissioning and Testing CP PLUS 3 MP , 50 meters ip bullet camera,1/3" 3MP PS CMOS Image Sensor,Max 25fps@3MP, 25/30fps@1080P,H.264, H.264H, H.264B , MJPEG dual-codec encoding,DWDR, Daylight(ICR), 3DNR, ROI, AWB, AGC, BLC, HLC,3.6mm fixed lens (6mm optional),IR Range of 60 Mtrs, IP67, SD Card, PoE,Mobile Software: iCMOB, gCMOB,CMS Software: KVMS Pro, vOptimus Pro inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
Approved Data Rate	22160.00							
	Nos	8				8.00		
						8.00	22160.00	177280.00
Supplying ,installation ,Commissioning and Testing CP PLUS 32 Ch. H.265 4K Network Video Recorder Up to 32 channel IP camera input H.265/H.264 dual codec decoding Up to 8Mp resolution preview and playback Max 200Mbps incoming bandwidth Support 4 SATA HDDs up to 24TB, 2 USB(1 USB3.0) HDMI / VGA simultaneous video output Support Multi-brand network cameras ONVIF Version 2.4 conformance Mobile Software: iCMOB, gCMOB inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
Approved Data Rate	65892.00							
	Nos	1				1.00		
						1.00	65892.00	65892.00
Supplying ,installation ,Commissioning and Testing Netgear ReadyNAS 4-Bay Diskless Network Attached Storage for Personal Cloud by Netgear inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
Approved Data Rate	256420.00							
	Nos							
		1				1.00		
						1.00	256420.00	256420.00
Providing and Supplying NAS hard disk drives 6 TB inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
Approved Data Rate	23850.00							
	Nos	1				1.00		
						1.00	23850.00	23850.00
Supplying ,installation ,Commissioning and Testing D-Link 24-Port Gigabit Switch With 4 Combo SFP Ports inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
Approved Data Rate	34300.00							
	Nos	1				1.00		
						1.00	34300.00	34300.00
Supplying ,installation ,Commissioning and Testing D-Link 8-Port Gigabit Switch With 2 Combo SFP Ports inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
Approved Data Rate	27500.00							
	Nos	1				1.00		
						1.00	27500.00	27500.00
Providing and Supplying CAT6 OUT Door 305 mtr Cable Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
Approved Data Rate	63250.00							
	Nos	1				1.00		
						1.00	63250.00	63250.00
Providing and Fixing Media convertor Giga Dlink inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
Approved Data Rate	11200.00							
	Nos	1				1.00		
						1.00	11200.00	11200.00
Providing Cctv MS poles with camera fixing brackets, 5 to 6 mtr height Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
Approved Data Rate	23500.00							
	Nos	3				3.00		
						3.00	23500.00	70500.00
Providing and Fixing MS Boxes for Poles with rust proof powder coating Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
Approved Data Rate	8500.00							
	Nos	3				3.00		
						3.00	8500.00	25500.00

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Providing and Fixing Electrical work for boxes for power supply, fixing PVC Boards with three pin socktes and switches with protection MCB and cabling to street light electrical poles as per the direction of Engineer in Charge								
	Approved Data Rate	7500.00							
		Nos	3				3.00		
							3.00	7500.00	**22500.00**
	Providing Internet charges connecting CCTV with IP Based for one month								
	Approved Data Rate	3000.00							
		Nos	12				12.00		
							12.00	3000.00	**36000.00**
	Providing and Fixing SFP-LX-SM GIGA MODULE Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	6000.00							
		Nos	2				2.00		
							2.00	6000.00	**12000.00**
	Providing and Fixing Fibre Optic PATCH Chords Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	2200.00							
		Nos	1				1.00		
							1.00	2200.00	**2200.00**
5	Supplying ,installation ,Commissioning and Testing UPS 2 KVA with two batteries Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	64400.00							
		Nos	1				1.00		
							1.00	64400.00	**64400.00**
6	Erecting of pole .The pole shall be erected n cement concrete work(1:2:4) including earthwork excavation and refilling of planting depth of the pole to the ground level and the copping CC shall be upto 0.6m above ground level as per IS 2713-7.1 Erection of lightduty pole on footpath a) 7.5m as per IS 410 Sp 5 charges as per the direction of Engineer in Charge								
	Approved Data Rate	6300.00							
		Nos	3				3.00		
							3.00	6300.00	**18900.00**
7	Providing and Fixing HDMI Cables 10 Mtrs inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	6200.00							
		Nos	3				3.00		
							3.00	6200.00	**18600.00**
8	Supplying ,installation ,Commissioning and Testing Video Manager Application Software for Display and Management of Camera on Video Display Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	33500.00							
		Nos	1				1.00		
							1.00	33500.00	**33500.00**
9	Supplying ,installation ,Commissioning and Testing Server rack 15u Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	34500.00							
		Nos	1				1.00		
							1.00	34500.00	**34500.00**
	Sub Total								**998292.00**
	Miscellaneous								**1708.00**
								Total	**1000000.00**

TECHNICALLY SANCTIONED FOR Rs. 10.00.....
Rupees Ten lakhs Only
Under KP - 38-96
Registered as CE ( ) No.
Subject to conditions contained in enclosed memo EE/YNK/TS/29/2019-20
Dt. 26/2/2020
Estimate A/ Sanctioned
Executive Engineer

Administrative Sanction for Rs. 10.00
Ten lakhs Only
Registered as CE No.
Subject to conditions contained in enclosed memo No. EE/YNK/AS/89/2019-20
Dt. 26/2/2020
Executive Engineer

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per Approved Rates.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer	Asst. Executive Engineer,	Executive Engineer
Ward No-3	Yelahanka New Town Sub Division	Yelahanka Division
BBMP Bangalore	BBMP Bangalore	BBMP Bangalore

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 3- ATTURU

NOTIFICATION NO. UDD 59 MLR 2009. DATE. 15.07.09

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